

How to Submit a 2014 ERCAP Request

Clayton Bagwell NERSC Account Support

September 16, 2013







ERCAP

"Energy Research Computing Allocations Process"







ERCAP Application Deadlines

http://www.nersc.gov/users/accounts/allocations/deadlines









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ERCAP APPLICATION DEADLINES

Award Type	ERCAP Submission Open	ERCAP Submission Deadline	Award Decision	Allocation Period
Startup and Education	Ongoing	Ongoing	Within 3 weeks of applying	18 months from award (but must be renewed for the next allocation year)
Production (DOE awarded) for the rest of allocation year 2013	Ongoing	Ongoing	Within 4 weeks of applying (pending sufficient DOE reserves of time)	through January 13, 2014
All continuing projects must be renewed for 2014; new projects must apply by the deadline as well.	August 13, 2013	September 22, 2013	December 13, 2013	January 14, 2014- January 12, 2015







Who can apply? Anyone who's work supports the DOE Office of Science Missions

https://www.nersc.gov/users/accounts/allocations/overview/







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NIM (NERSC Information Management portal)

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- » Data & Networking
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ALLOCATIONS OVERVIEW AND ELIGIBILITY

Allocations Overview

Most allocations of NERSC computer time and archival storage are awarded by DOE and managed by NERSC. There is no monetary charge to the project that receives the award. The awarded research groups are given project accounts, known as *repositories*, with a given amount of computing hours and an archival storage allocation. Resource usage (computer time or archival storage) is charged against the repository, like a withdrawal from a bank account. Once the account is exhausted, users can no longer charge against that account.

NERSC supports several allocation programs:

Allocation Type	% of DOE Allocation	Description
DOE Production	80%	Awards are made by DOE program managers in the six offices of science. Applicants need to be part of a research project funded by the DOE Office of Science or show that their work meets the DOE mission.
ALCC	10%	ASCR Leadership Computing Challenge: a DOE program run by ASCR to promote areas of interest to DOE. See the ALCC web page.
NISE	10%	NERSC Initiative for Scientific Exploration: used to allocate the NERSC Director's reserve. This year the focus is on large scale and data intensive proposals. See the NISE web page.
Education, Startup	N/A	Small awards made by NERSC from NERSC overhead time.

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- 4. Basic Energy Sciences (BES) Mission
- 5. Biological and Environmental Research (BER) Mission
- 6. Fusion Energy Sciences (FES) Mission
- 7. High Energy Physics (HEP) Mission
- 8. Nuclear Physics (NP) Mission







Applying for your first allocation:

http://www.nersc.gov/users/accounts/ allocations/first-allocation

https://nim.nersc.gov/newpi.php









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APPLY FOR YOUR FIRST NERSC ALLOCATION

Initial Steps Needed to Apply for Your First NERSC Allocation

All work done at NERSC must be within the DOE Office of Science mission. See the Mission descriptins for each office at Allocations Overview and Eligibility.

Prospective Principal Investigators without a NERSC login need to fill out two forms:

- The online <u>ERCAP Access Request Form</u>. If you wish to designate another person to fill out the request form you may designate a "PI Proxy" on this form.
- Complete and submit the online <u>Computer User Agreement form</u>.

Once we receive your agreement form and activate your account, you will receive an email with a link that will allow you to set your initial password. That link will expire if not used within 72 hours. If the link has expired, you will need to call NERSC Account Support at 1-800-666-3772 menu 2, or 510-486-8612, to obtain a temporary password. You can call at any time, 24 x 7, and somebody will be here to assist you.

Startup Allocations

Many new NERSC projects begin with a Startup allocation, particularly if they are new to HPC or are not yet ready to run production codes on thousands of CPU cores. Startup awards are limited to 50,000 MPP hours (Cray XT4 equivalent hours) and are good for up to 18 months.







https://nim.nersc.gov/newpi.php

ERCAP Access Request Form for new Pls and Pl Proxies

If you are completely new to NERSC and wish to make an allocation request as a new Principal Investigator (PI), please select and complete the appropriate boxes below. If you already have a NERSC user name and wish to become a PI, please log into NIM, click on "ERCAP requests" in the NIM Main Menu, and follow the subsequent instructions.

You also have the option of nominating a PI Proxy. A PI Proxy can fill out a request on behalf of a PI. In order to add a Proxy, please fill out the optional Proxy information section below.

When you are done, please click on Submit Request at the bottom of the page.

You must also fill out and submit the NERSC Computer User Agreement Form.

After the Account Support Office has received both this form and the Computer User Agreement Form they will contact you about your NIM login name and password.

Pl's First Name:	
Middle Initial:	
Pl's Last Name:	
PI's NERSC Username:	(If user does not have a NERSC usemame, enter a preferred usemame.)
Pl's Citizenship:	Not Specified 💠
Pl's Email Address:	
Pl's Telephone:	
Pl's Organization:	UNKNOWN: Not Yet Set (if your site is not listed, click here to add it)
Pl's Mail Stop (optional):	
Optional: nominate a Proxy fo	thic DI
	uns FI
PI Proxy's First Name:	
Middle Initial:	
Proxy's Last Name:	
Proxy's NERSC Username:	(If user does not have a NERSC usemame, enter a preferred usemame.)
Proxy's Citizenship:	Not Specified The specified the specified
Proxy's Email Address:	
Proxy's Telephone:	
Proxy's Organization:	UNKNOWN: Unknown (if your site is not listed, click here to add it)
Proxy's Mail Stop (optional):	







https://nim.nersc.gov/CUA.php

NERSC Electronic Computer User Agreement form

The following is a list of general computer use policies and security rules that apply to individual users of NERSC. Further information on NERSC security policies and practices can be found on the NERSC Computer Security page. Principal Investigators are responsible for implementing these policies and procedures in their organization and ensuring that users fulfill their responsibilities.

User Accountability

Users are accountable for their actions. Violations of policy may result in applicable administrative or legal sanctions.

Resource Use

Resources provided by NERSC are to be used only for activities authorized by the Department of Energy (DOE) or the NERSC Director. The use of NERSC resources for personal or private benefit is prohibited. NERSC resources are provided to users without any warranty. NERSC will not be held liable in the event of any system failure or loss of data. NERSC resources cannot be used for any military or defense end use or application, or to facilitate any transaction that would otherwise violate U.S. export control regulations.

Passwords and Usernames

A user identifier known as a username and password are required of all users. Passwords must be changed at NERSC's request. All passwords must conform to NERSC guidelines, which are found in Getting Help/passwords. Passwords must not be shared with any other person and must be changed as soon as possible after an unacceptable exposure, suspected compromise or by direction of a NERSC staff member.

Notification

Users must notify NERSC immediately when they become aware that any of the accounts used to access NERSC have been compromised. Users should promptly inform NERSC of any changes in their contact information.

Software and Data

Your Initials:	Attestation I have read this NERSC Computer User Agreement and understand and accept my responsibilities in the use of NERSC resources.
	I attest that I am not a citizen of Cuba, Iran, Syria or Sudan who will be using NERSC resources while residing and/or working in one of these countries.
Your Initials:	
	Can't read it? Refresh the image
	Please enter the characters you see in the image above (not case sensitive).
	Submit Request







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You must also fill out and submit the NERSC Computer User Agreement Form.

After the Account Support Office has received both this form and the Computer User Agreement Form they will contact you about your NIM login name and password.

PI's First Name:	
Middle Initial:	
Pl's Last Name:	
Pl's NERSC Username:	(If user does not have a NERSC usemame, enter a preferred usemame.)
Pl's Citizenship:	Not Specified 💠
Pl's Email Address:	
Pl's Telephone:	
Pl's Organization:	UNKNOWN: Not Yet Set (if your site is not listed, click here to add it)
PI's Mail Stop (optional):	
Outland, naminate a Braunta	attic Di
Optional: nominate a Proxy fo	raise
PI Proxy's First Name:	
Middle Initial:	
Proxy's Last Name:	
Proxy's NERSC Username:	(If user does not have a NERSC usemame, enter a preferred usemame.)
Proxy's Citizenship:	Not Specified The specified
Proxy's Email Address:	
Proxy's Telephone:	
Proxy's Organization:	UNKNOWN: Unknown (if your site is not listed, click here to add it)
Proxy's Mail Stop (optional):	











NERSC Information Management

Please sign in						
NERSC Username:						
NIM Password:						
Reset your NIM password. Forgot your username?						
Log In						

New to NERSC? Get valuable information about using NIM here: NIM User's Manual. Remember to complete the Computer Use Policies Form. After completing the form you can upload it here, or email it to cupform@nersc.gov, or fax it to 510-486-4248.

NERSC Account Support: 1-800-66-NERSC (menu option #2) or 510-486-8612. NERSC Consultants: 1-800-66-NERSC (menu option #3) or 510-486-8611, consult@nersc.gov









ERCAP requests Refresh list







ERCAP requests Refresh list

Request Title	Year	Click to renew	Click to edit	Click to download
NERSC Center Vendor Accounts	2014		Edit	Download PDF
Test project/repositories	2014		Edit	Download PDF
NERSC overhead account for users with no active repo	2014		Edit	Download PDF
CRD Advanced Computing for Science Department Guest Accounts	2013	Renew	Edit	Download PDF
NERSC High Performance Computing Department Training Accounts	s 2013	Renew	Edit	Download PDF
NERSC Operations Accounts	2013	Renew	Edit	Download PDF
NERSC IBM Staff Accounts	2013	Renew	Edit	Download PDF
NERSC Cray Staff Accounts	2013	Renew	Edit	Download PDF
NERSC Center Guest Accounts	2013	Renew	Edit	Download PDF







What type of request would you like to start?

A new request for the remainder of 2013

(ends Jan 13, 2014)

A new request for 2014

(starts Jan 14, 2014)

Start new ERCAP request







Project Overview Q1-9			
ERCAP 2014 Request:	PI:		Last updated: (Not Yet Finished) Download PDF
Save Project Overview Q1-9 You MUST click the "S	Save" button here or at the bottom in order to save yo	our work before selecting another tab.	
Name Phone Email PI, Test 510-486-8612 support-notice@nersc.gov	,		
Other Authorized Preparers Senior Investigators			
-			
4. Project Title			
4.1 Image representing your project	NOTE: You can add your image after saving your er	cap request)	







5. Project Name	
6. Project Class	DOE Base 💠
7. Sponsoring Site If your site is not listed, click here to add it.	USA: Lawrence Berkeley National Lab – NERSC
8. Science Category	Computer Science
9. DOE Office and Program	ASCR – Computer Sciences 🕏
	SaveProject Overview Q1–9







You have started a new ERCAP request. Please click any tab to continue.

I ou mave si	Tou have statice a from Entonin requestion reasons in the second reasons and the second reasons are second reasons and the second reasons are second reasons and the second reasons are									
Project	DOE	Project	Resources	PDSF	Code	Data/	Other Info	Submit	Show	
Overview	Funding	Description	Requested	Q19	Description(s)	Networking	Q25-27	Request	Complete	
Q1-9	Q10-11	Q12-14	Q15-18		Q20	Q21-24			Request	

ERCAP 2014 Request: 86745 PI: Test PI Last updated: 28-AUG-13 (Not Yet Finished)

人 Download PDF

Test Project

The Project

Overview

Q1-9 form has been saved successfully. Please click any tab to continue editing your request







Projec Overv Q1-9		DOE Funding Q10-11	Project Description Q12-14	Resources Requested Q15-18	PDSF Q19	Code Description(s) Q20	Data/ Networking Q21-24	Other Info Q25-27	Submit Request	Show Complete Request	
ER	CAP 2014	Request: 86745			PI: T	est PI				Last updated: 1	10-SEP-13 (Not Ye
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Sav	ve Project O	verview Q1-9 Y	ou MUST click the	"Save" button her	e or at the bottom	in order to save y	our work before se	electing another t	ab.		
1. P	rincipal In	vestigator									
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3. S	enior Inve	stigators									
4. P	roject Title	•		Test Project						//	
4.1	mage repr	resenting your	project	Select to upload	a project image fil	е					







How project images are used:

http://www.nersc.gov/live-status/now-computing/

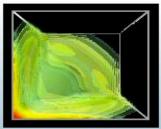






NOW COMPUTING AT NERSC

[Full Screen Display] A small sample of jobs now running on NERSC's supercomputers.



Computational Atomic Physics for Fusion Energy (m41)

DOE Fusion Energy Science Fusion Energy Investigator Michael S. Office Sciences Area Pindzola, Auburn University Computer Hopper Cores 20,736 Core Hours 350,899,6

Used

Used

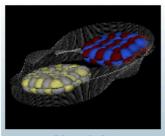
Investigator Thomas M. Hamill,

National Oceanic

& Atmospheric



Administration Computer Hopper Cores 16,896 Core Hours 11.832.2 Used



Quantum Monte Carlo for Electronic Structure of Molecules (mp208)

DOE Basic Energy Science Chemistry Investigator William A. Lester, Office Sciences Area Lawrence Berkelev National Laboratory Computer Hopper Cores 16,440 Core Hours 9,275.2

More Info





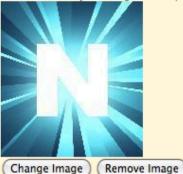


4. Project Title

4.1 Image representing your project

Test Project

This is the size your image will display on the web. Click on the image to view the full size you uploaded.



5. Project Name

tstproj







Project DOE Overview Funding Q1-9 Q10-11 Project Resources PDSF Code Data/ Other Info Submit Show Description Requested Q19 Description(s) Networking Q25-27 Request Complete Q20 Q21-24

ERCAP 2014 Request: 86745 PI: Test PI Last updated: 28-AUG-13 (Not Yet Finished)

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Test Project

Save DOE Funding Q10-11 You MUST click the "Save" button here or at the bottom in order to save your work	before selecting another tab.
10. Is this project funded by the DOE Office of Science?	
Yes, this project has direct grant support from the DOE Office of Science Who is your DOE Program Manager?	
DOE Office of Science Grant Number(s) (List all that apply)	
	(4000 character maximum)
	0 characters entered. : 4000 characters remaining.
If you also intend to use NERSC resources to support research that is not funded by the DOE Office of Science	e, list the funding agencies and grant numbers.
	(4000 character maximum)
	0 characters entered. : 4000 characters remaining.
No (If "No", complete only the following section of this question.)	
This project is funded by (complete boxes for all that apply):	
DOE, other than Office of Science (enter grant number and source of support)	
Work for others at DOE laboratory (enter grant number and sponsor)	
Other funding agencies (enter grant number and name of agency)	
Other Funding (e.g. University department)	
Called It difficulty (e.g. Offitology department)	







11.1 Does this project intend to make use of any information (software)	are or data) subject to the following legal controls on use?	
Classified or controlled military or defense information		
Export controlled or ITAR information		
Personally identifiable information		
Protected health information		
Proprietary information		
○ Yes	○ No	
11.2 Do your applications or data have a direct military or defense e Traffic in Arms Regulations (ITAR) or similar restrictions?	end-use application, or is your work potentially subject to International	
O Yes	O No	
11.3 If this project is given a NERSC award, I agree to monitor the u determine, usage is for the project described here.		
O Yes	○ No	
11.4 For continuing projects: I have audited the MPP and/or HPSS udetermine, all usage was for the project specified.	usage associated with this project, and to the best of my ability to	
Yes	O No	N/A - New Project
	Save DOE Funding Q10-11	







Ov	oject verview I-9	DOE Funding Q10-11	Project Description Q12-14	Resources Requested Q15-18	PDSF Q19	Code Description(s) Q20	Data/ Networking Q21-24	Other Info Q25-27	Submit Request	Show Complete Request		
E	ERCAP 2014	Request: 8674	5			PI: Test PI				Last updated: 1	0-SEP-13 (Not Yet Finished) Download PDF	
T	Test Project											
	Save Project Description Q12–14 You MUST click the "Save" button here or at the bottom in order to save your work before selecting another tab.											
12. Project Description												
			performing or will	perform with NERS	C resources.							
1	12.1 Project C	verview: prov	ide a non-technic	al brief overview.	What will this	project accomplish?	What is the sign	ificance of this w	ork?			
	(4000 charac	ter maximum)		0 charac	ters entered. : 4	000 characters remaining						
										supports to wide rangent, the economy, etc.		
	(4000 charac	ter maximum)		0 charac	ters entered. : 4	000 characters remaining						
[







Public Description

NERSC is occasionally asked to describe the science goals and accomplishments it supports to wide ranging non-technical audiences. Please summarize in 1-2 short paragraphs the high level goals behind your research and their impacts on people, the environment, the economy, etc.













13.1 Accomplishments Overview: Summarize in non-technical terms the accomplishments you to meet your research objectives.	s made by this project in the previous year. Explain why your results are important and how the use of NERSC resources allowed
(4000 character maximum)	0 characters entered.: 4000 characters remaining.
13.2 Accomplishments: longer accomplishment des	escriptions may be attached as a PDF file.







14. Relevant Publications: Enter in the order author	ors, title, journal	
14.1 Refereed Publications: List all refereed publicat press, or published in journals but not publications in		ing NERSC resources. You may include publications that are accepted, in lightlighted on a journal cover.
(4000 character maximum)	0 characters entered. : 4000 characters remaining.	
14.2 Other Publications: use this area for submitted	as well as other types of publications.	
(4000 character maximum)	0 characters entered. : 4000 characters remaining.	







Resources Requested Q15-18 DOE Project Description PDSF Other Info Submit Project Code Data/ Show Funding Q19 Networking Q25-27 Complete Overview Description(s) Request Q1-9 Q10-11 Q12-14 Q20 Q21-24 Request ERCAP 2014 Request: 86745 PI: Test PI Last updated: 10-SEP-13 (N Test Project Save Resources Requested Q15-18 You MUST click the "Save" button here or at the bottom in order to save your work before selecting another tab. 15. Computational Resources Center Resource Alloc Type Repo Hours Used 2013 Hours Requested 2014 NERSC MPP (MPP Charging) . Startup 0 50,000 16. Mass Storage Resources (Need help determining SRUs?) Center Resource Alloc Type Repo SRUs Used 2013 SRUs Requested 2014 NERSC **HPSS Charging** Startup + 5,000 17. Brief Justification for MPP and HPSS Resources Requested (4000 character maximum) 0 characters entered. : 4000 characters remaining. 18. Major Conferences Affecting Computational Needs Please list the major conferences (conference name and dates) that will have an impact on your computing needs. Describe the impact. (4000 character maximum) 0 characters entered. : 4000 characters remaining.









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HPSS CHARGING

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SYSTEMS

NERSC uses Storage Resource Units (SRUs) to help manage HPSS storage. The goal is to provide a balanced computing environment with appropriate amounts of storage and adequate bandwidth to keep the compute engines fed with data. Performance and usage tracking allows NERSC to anticipate demand and maintain a responsive storage environment. Storage management also recognizes storage as a distinct resource in support of an increasing amount of data intensive computing. Storage management and the quota system are intended to encourage efficient usage by the user community.

SRU Management

SRUs are reported and managed through the NERSC Information Management (NIM) system. If a user is out of SRUs in all of their HPSS repositories that user will be restricted so that they can no longer write data to HPSS (although they will continue to be able to read data).

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- 3. Apportioning User SRUs to Repositories: Project Percents
- 4. User Quotas or Allowed Percents
- 5. User Statuses for HPSS
- 6. What happens if a repo or user SRU balance is negative?
- 7. SRU Usage Reports

Users can check their HPSS SRU balances by logging in to the NIM and clicking on their "Account Usage" tab.

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Calculating a User's SRUs

Three measures of use are used in computing SRUs:

- Number of files stored (files)
- 2. GB of space used in the archive (space)
- 3. GB of I/O transferred (I/O).







SRU CALCULATOR

About SRUs

You can use this form to estimate your mass storage charges (in SRUs).

SRUs are calculated on a daily basis. Enter your estimated daily average number of files and data storage and your yearly estimate of data transferred to and from the HPSS system. Click on *Calculate* and your SRU charge will appear in the light blue boxes.

Enter average daily va	alues for the allocation year							
Number of files :	10,000							
Amount of data stored:	85		GB					
Enter total HPSS I/O for the allocation year								
Data transferred:	170		GB					
	Calculate Reset							
This is your estimated	d SRU charge							
Average per month:		102.54						
	SRUs							
Per Year:		1,231	SRUs					







Project Overview	DOE Funding	Project Description	Resources Requested	PDSF Q19	Code Description(s)	Data/ Networking	Other Info Q25-27	Submit Request	Show Complete			
Q1-9	Q10-11	Q12-14	Q15-18	QIS	Q20	Q21-24	Q25-27	Request	Request			
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Test Project												
Save Res	ources Requested Q1	5-18 You MUS	T click the "Save" bu	tton here or a	it the bottom in order to	save your wor	k before selecting	another tab.				
45.0												
Center	outational Resource Resource	es	Alloc Type		Repo	•	Hours Used 2	2013	Hours Reg	uested 2014		
NERSC	MPP (MPP Charg	ing)	Startup	‡				0	,	50,000		
16. Mass	Storage Resources	s (Need help de	termining SRUs?)								
Center	Resource		Alloc Type		Repo)	SRUs Used 2		SRUs Req	uested 2014		
NERSC	HPSS Charging		Startup	•	_			0		5,000		
18. Major	Justification for Mi character maximum r Conferences Affect e list the major conference character maximum	cting Computatences (conference	0 characters	entered.: 400	an impact on your com	outing needs.	Describe the impac	ot.				







DOE Other Info Project Project Resources Code Data/ Submit Show Q19 Funding Overview Description Requested Description(s) Networking Q25-27 Request Complete Q1-9 Q10-11 Q12-14 Q15-18 Q21-24 Request ERCAP 2014 Request: 86745 PI: Test PI Last updated: 10-SEP-13 (N This page is for PDSF users only. You should skip this section unless you have prior approval for a PDSF project. The PDSF is a special-use physics system hosted by NERSC. Test Project 19.1 PDSF Repos No PDSF repos for 2014 You MUST click the "Save" button here or at the bottom in order to save your work before selecting another tab. Save PDSF information Do you need a new repo (project account) ? PDSF projects must be pre-approved. If yes, please enter your experiment name (3-8 characters): Yes ()

or

19.1 PDSF Repos Existing PDSF repos PDSF Repo Renew? mpnersc Please renew your request before filling out the rest of the fields on the page. Select the repositories you want to renew for 2014, then click the arrow below to renew them. No PDSF repos for 2014 Please renew your request before filling out the rest of the fields on the page.







19.2 How many total CPU hours do you need for the coming year (please describe your codes on the codes tab)?
1,000 Hours (Integer value only)	
19.3 Describe any special characteristics of your workflow (e.g. non-conforming)	
(4000 character maximum) 0 characters entered. : 4000 characters remaining.	
A-2-Q-19.3 PDSF - Describe any special characteristics of your workflow :	
19.4 How much experiment specific storage do you need?	
Terabytes (Integer value only)	
Terabytes (Integer value only)	
19.5 PDSF uses a buy-in model. How does your project plan to fund your PDSF usage (compute and storage)?	
(4000 character maximum) 71 characters entered. : 3929 characters remaining.	
A-2-Q-19.5 How does your project plan to fund your PDSF usage? :	







Overview Q1-9	DOE Funding Q10-11	Project Description Q12-14	Resources Requested Q15-18	PDSF Q19	Code Description(s) Q20	Data/ Networking Q21-24	Validate Current User List	Other Info Q25-27	Submit Request	Show Complete Request		
ERCAP 20	14 Request: 866	38			PI: Test PI				Last	updated: 13-Al		
Test project/repositories												
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20. Code and Application Descriptions												
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Project DOE Project Resources PDSF Code Other Info Submit Show Networking Q21-24 Overview Description Funding Requested Q19 Description(s) Q25-27 Request Complete Q1-9 Q10-11 Q12-14 Q15-18 Q20 Request ERCAP 2014 Request: 86745 PI: Test PI Last updated: 10-SEP-13 (N Test Project Save Data/Networking Q21-24 You MUST click the "Save" button here or at the bottom in order to save your work before selecting another tab. 21. How much storage space do you need? Scratch space per user (MPP users only): Terabytes 0 Global file system project space: 0 Terabytes (note: if your project does not have an NGF project directory and you would like one, please apply) HPSS archival storage: Terabytes 0 How much data do you expect your project to move to NERSC from external sources? 0 Terabytes







22. Data and I/O									
22	2.1 On what NERSC	systems do you nee	d to share data?						
	☐ Edison ☐ Hopper ☐ Carver ☐ Genepool ☐ F								
	Global Scratch	Global Project	Genepool Project (projectb)	☐ HPSS Archive					
22	22.2 If you have experienced problems with data sharing, please explain:								
	(4000 character ma	aximum)	0 characters entered. : 40	00 characters remaining.					
22	2.3 How do you perfo	orm I/O?							
	Files shared between	veen nrocessors	One file per processor or node						
			_ che me per processor el flode						
22	2.4 If you have expe	rienced problems or	constraints due to I/O, please exp	lain:					
	(4000 character ma	aximum)	0 characters entered. : 40	00 characters remaining.					







23. Analytics Applications				
23.1 Which applications/libraries do you use or intend to use for data analysis and visualization at NERSC?		_		
alialysis and visualization at NERSC r	AVS	Climate Data O	perators (CDO) 🔲 FFmpeg	
	Gnuplot	Grace	□ GrADS	
	HDFView	□ IDL	ImageMagick	
	Mathematica	■ MATLAB	□ NCAR	
	Ncview	ParaView	□ PERL	
	pgplot	Python	R Language	
	ROOT	SQL	☐ Tcl/Tk	
	─ Visit	□ VMD		
	other:			
	outon.			
24. Networking Does current network bandwidth between your site and NERSC mee	t vour needs?			
Dodd Carrett Hothork Sandman Sothoon your one and NERGO mod	r your noodo.	0) Yes	O No
If no, please explain:		~		0
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Validate Current User List Project DOE Resources PDSF Code Data/ Other Info Submit Show Project Overview Funding Description Requested Q19 Description(s) Networking Q25-27 Request Complete Q1-9 Q10-11 Q12-14 Q15-18 Q20 Q21-24 Request

 ERCAP 2014 Request: 86638
 PI: Test PI
 Last updated: 13-AUG

A -

Test project/repositories

Format: Read-only <--> Update <--> Static HTML

Save All Rows You MUST click the "Save" button here or at the bottom in order to save your work before selecting another tab.

WARNING: If you change the Project Role of a User or a Project Manager to Deleted, that change will take effect immediately.

Roles for PIs and PI Proxies must be submitted to Account Support. The purpose of this form is to certify the user's information as of today.

testmpp Project User Information and Roles as of 09/10/2013

Name	Email	Phone	Organization	Project Role	Signed Policies
ADMIN, Test	support-notice@nersc.gov	510-486-8612	NERSC 💠	User	EXEMPT
Antypas, Katie			NERSC 💠	User 💠	ONFILE
Bagwell, Clayton			NERSC 💠	PI Proxy 💠	ONFILE
User, Project	*****@nersc.gov	***_***	NERSC 💠	User	EXEMPT
Whitney, Cary	*****@lbl.gov	***_***	NERSC 🕏	User	ONFILE

✓ I certify that the above user information is correct for all active users in this Project. (Note: You have already certified your user list. You can re-certify if there have been any changes.)

Save All Rows







Project DOE Project Resources PDSF Code Data/ Validate Submit Funding Q10-11 Description(s) Networking Overview Description Requested Q19 Current Request Complete Q1-9 Q12-14 Q15-18 Q20 Q21-24 User List Request

ERCAP 2014 Request: 86638 PI: Test PI Last updated: 13-AU

Test project/repositories

Save Other Info Q25-27 You MUST click the "Save" button here or at the bottom in order to save your work before selecting another tab

25. Other HPC Support

List High Performance Computing support from outside NERSC for this project you currently have or expect in the next year. Also, indicate if you have applied for a DOE INCITE award.

A-2-Q-25 - Other HPC Support: No INCITE award was applied for.

26. Additional Information

Enter any additional information you would like the review committees to consider in support of this request.

A-2-Q-26 Additional Information: None at this time.

27. Feedback and Project Requirements

Use this space to provide feedback on the allocations process or make other comments. If your project has special requirements that you would like NERSC to consider, describe them here.

A-2-Q-27 Feedback and Project requirements: The ERCAP process is wonderful. And that NIM Team lead guy sure is great!







Project DOE PDSF Other Info Submit Request Show Project Resources Code Data/ Funding Q10-11 Overview Description Requested Q19 Description(s) Networking Q25-27 Complete Q1-9 Q12-14 Q15-18 Q21-24 Request

ERCAP 2014 Request: 86745 PI: Test PI Last updated: 10-SEP-13 (Not Yet Finished)

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Test Project

Save Submit Request You MUST check the finished box and select the "Save" button in order to submit your request.

28. Submit Your Request

Choose Finished if you wish to submit your finished request. Only finished requests will be considered for awards.

▼ Finished: This request is finished and ready for review.

Save Submit Request







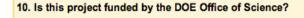
DOE Funding Q10-11 Project Description Q12-14 Resources Requested Q15-18 Show Complete Request Project Overview PDSF Q19 Data/ Networking Other Info Q25-27 Submit Request Code Description(s) Q1-9 Q20 Q21-24 ERCAP 2014 Request: 86745 PI: Test PI

Last updated: 10-SEP-13 (Not Yet Finished)

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Test Project

ERCAP Request #86745 for FY2014 1. Principal Investigator	
Name Phone Email	
PI, Test 510-486-8612 support-notice@nersc.gov	
2. Other Authorized Preparers	
3. Senior Investigators	
4. Project Title	Test Project
5. Project Name	tstproj
6. Project Class	Startup
7. Sponsoring Site	USA: Lawrence Berkeley National Lab - NERSC
8. Science Category	Other
9. DOE Office and Program	Test Office - Test Program









Helpful URLs

http://www.nersc.gov/users/accounts/allocations/ deadlines

http://www.nersc.gov/users/accounts/allocations/ overview/

http://www.nersc.gov/users/accounts/allocations/ first-allocation

https://nim.nersc.gov/newpi.php

https://nim.nersc.gov/CUA.php

https://nim.nersc.gov







Contact Information:

Accounts & Allocations:

accounts@nersc.gov

allocations@nersc.gov

Phone:

510-486-8612 or

1-800-66-NERSC opt 2



